

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
 Data File : VN054907.D
 Acq On : 2 Apr 2019 17:36
 Operator : JC/SP
 Sample : K2196-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 03 05:08:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

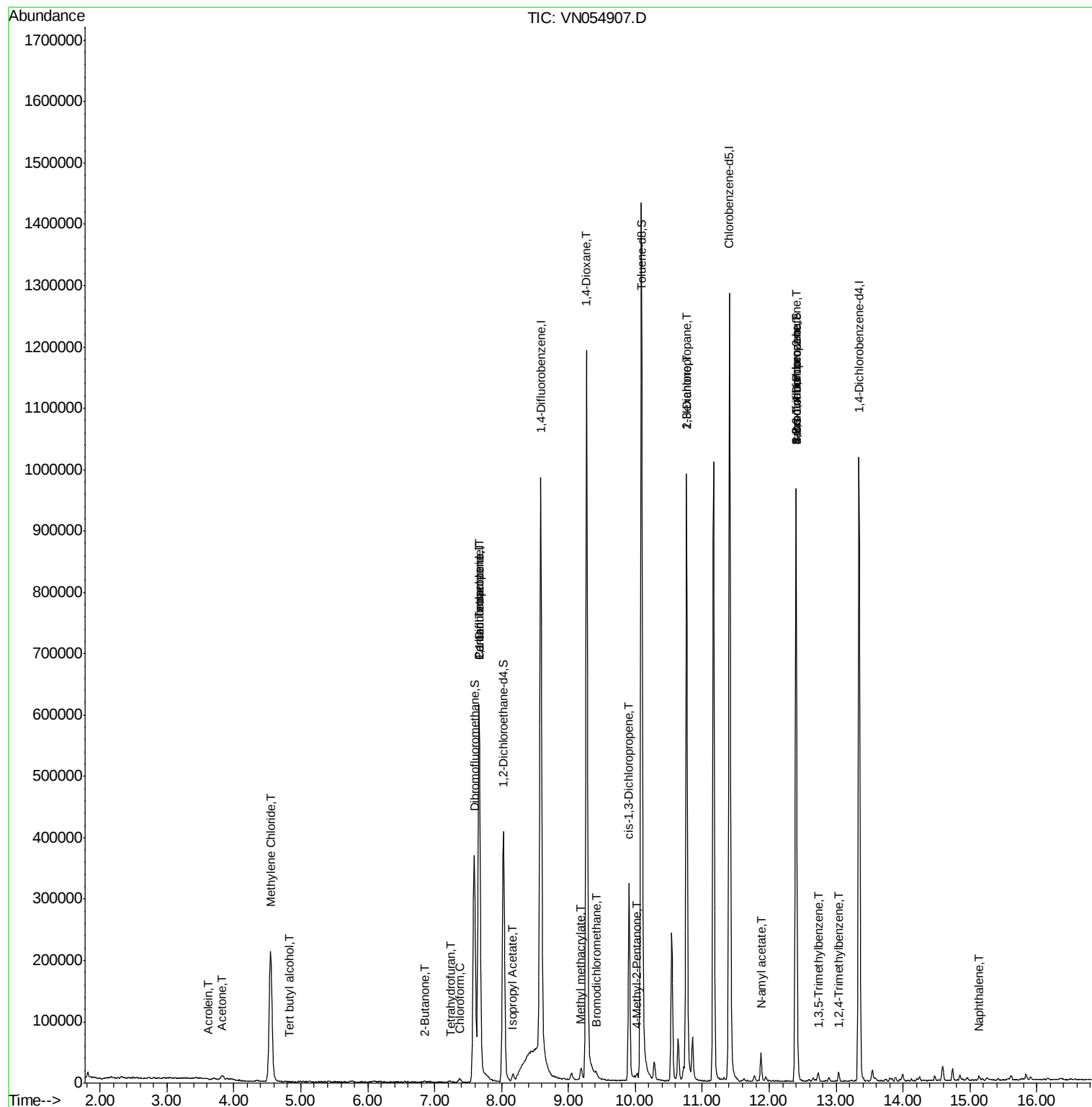
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	531372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	877188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	757176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	271027	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	346638	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
35) Dibromofluoromethane	7.59	113	278006	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
50) Toluene-d8	10.09	98	1060387	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.40	95	327229	45.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.50%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.58	94	64	Below Cal	#	2
11) Tert butyl alcohol	4.82	59	84	0.225	ug/l #	70
13) Acrolein	3.61	56	100	0.300	ug/l #	1
16) Acetone	3.82	43	12005	7.028	ug/l #	76
18) Methyl Acetate	4.34	43	2197	Below Cal	#	54
20) Methylene Chloride	4.55	84	148639	24.669	ug/l #	84
25) 2-Butanone	6.86	43	895	0.354	ug/l #	75
29) Tetrahydrofuran	7.24	42	1714	0.977	ug/l #	51
30) Chloroform	7.38	83	5340	0.516	ug/l	86
31) Cyclohexane	7.66	56	11694	Below Cal	#	15
36) 1,1-Dichloropropene	7.66	75	38638	4.727	ug/l #	43
38) Carbon Tetrachloride	7.67	117	50059	6.306	ug/l #	17
43) Isopropyl Acetate	8.17	43	14589	1.498	ug/l #	93
47) Bromodichloromethane	9.41	83	1613	0.207	ug/l #	91
48) Methyl methacrylate	9.18	41	7529	1.426	ug/l #	11
49) 1,4-Dioxane	9.28	88	106	2.024	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	7926	1.447	ug/l #	36
54) cis-1,3-Dichloropropene	9.90	75	52835	6.031	ug/l #	72
57) 1,3-Dichloropropane	10.76	76	9337	1.050	ug/l #	43
59) 2-Hexanone	10.76	43	159930	45.625	ug/l #	47
71) Bromoform	12.40	173	3168	0.975	ug/l #	1
74) N-amyl acetate	11.88	43	15240	2.208	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.41	83	124	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	170214	36.151	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6470	0.356	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	170214	140.620	ug/l #	11
83) tert-Butylbenzene	13.04	119	1043	Below Cal	#	60
84) 1,2,4-Trimethylbenzene	13.04	105	8301	0.479	ug/l	92
95) Naphthalene	15.13	128	5671	0.581	ug/l	95

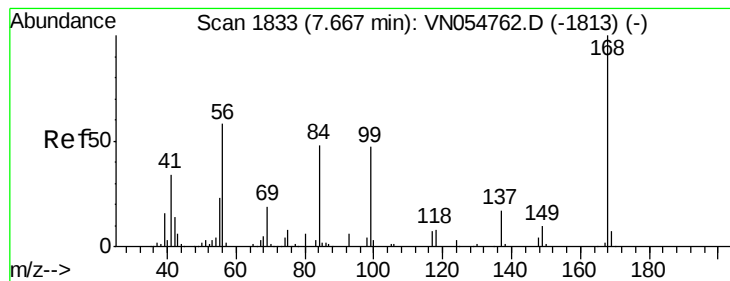
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054907.D

Acq: 2 Apr 2019 17:36

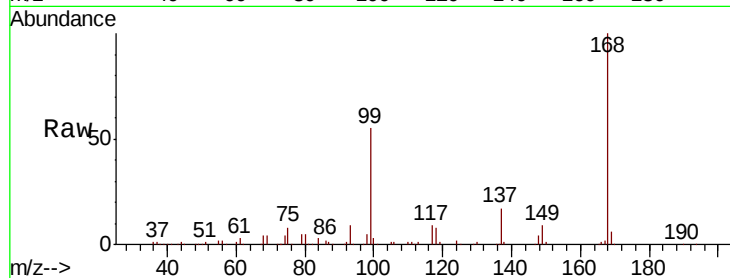
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 531372

Ion Ratio Lower Upper

168 100

99 54.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054907.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054907.D (-1740) (-)

7.67

250000

200000

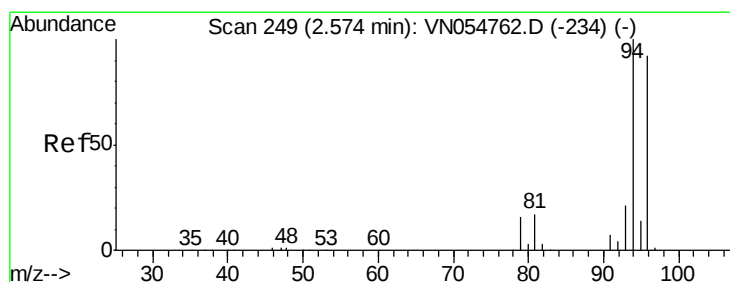
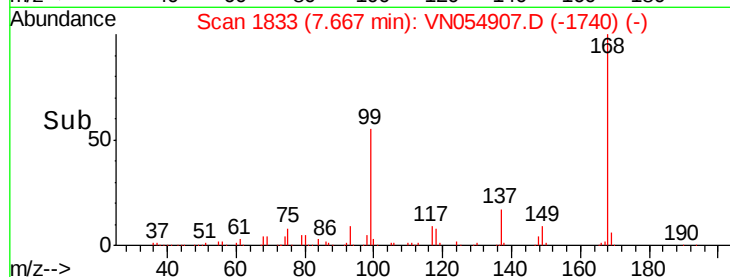
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 251

Delta R.T. 0.01 min

Lab File: VN054907.D

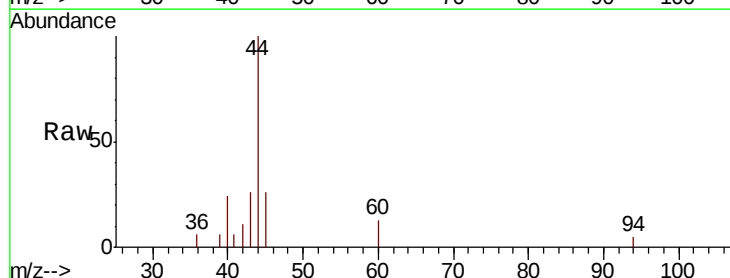
Acq: 2 Apr 2019 17:36

Tgt Ion: 94 Resp: 64

Ion Ratio Lower Upper

94 100

96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN054907.D (-156) (-)

Ion 95.90 (95.60 to 96.60): VN054907.D (-156) (-)

2.58

200

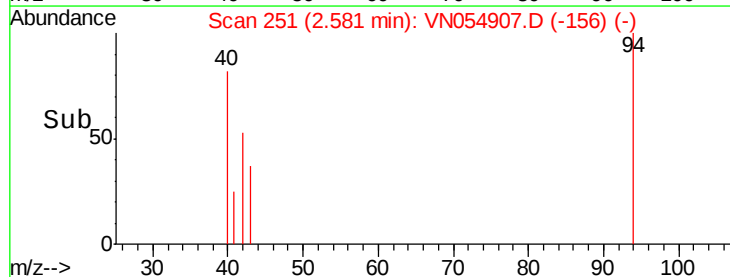
150

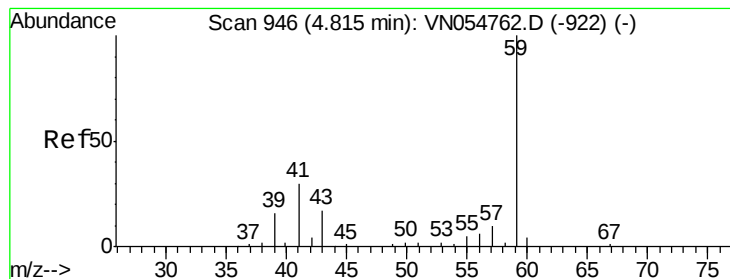
100

50

0

Time-->



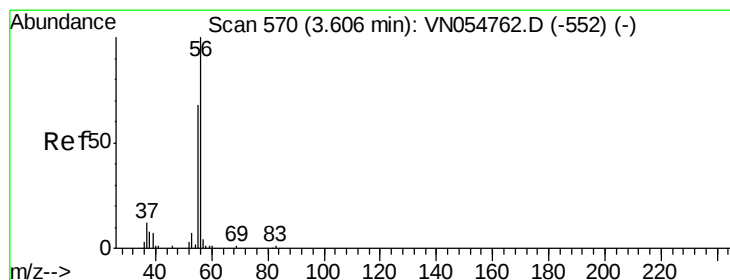
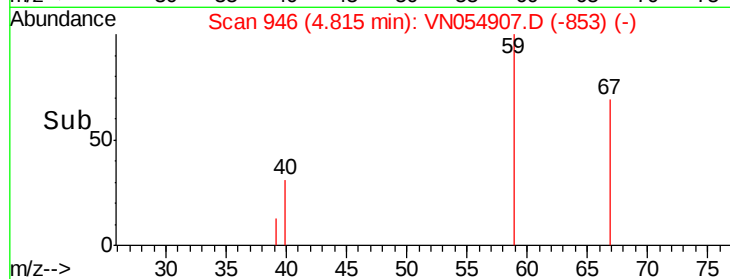
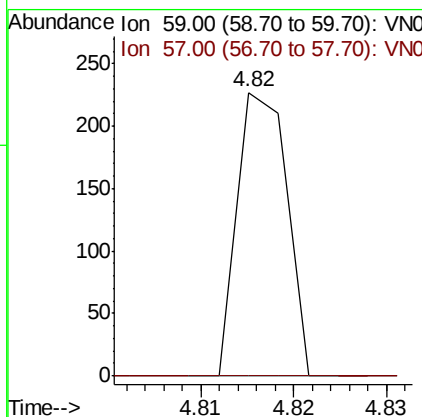
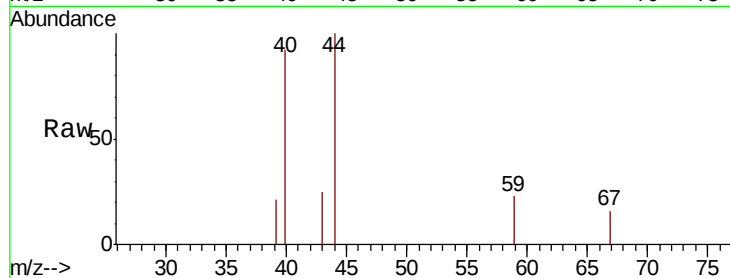


#11

Tert butyl alcohol
 Concen: 0.225 ug/l
 RT: 4.82 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: VN054907.D
 Acq: 2 Apr 2019 17:36

Instrument :
 MSVOA_N
 ClientSampled :

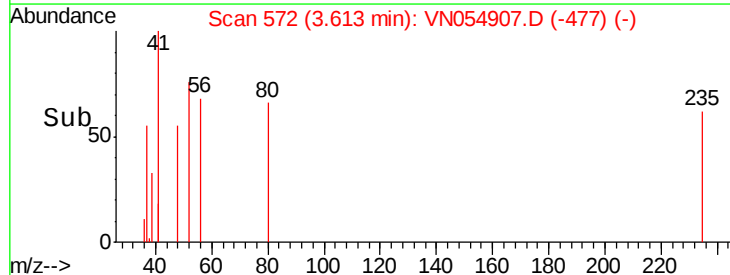
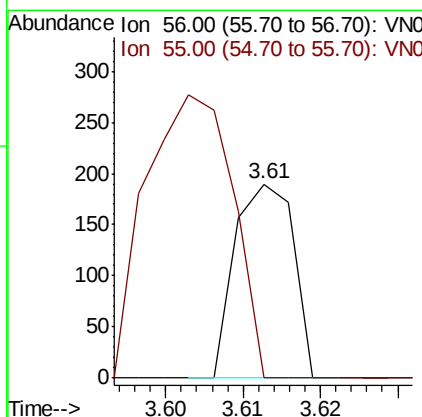
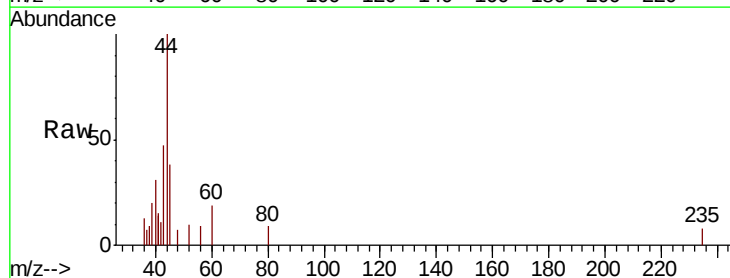
Tot Ion: 59 Resp: 84
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

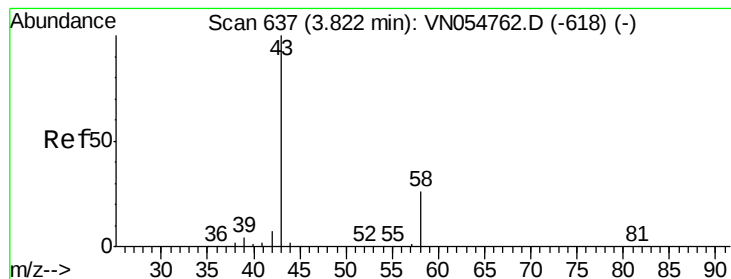


#13

Acrolein
 Concen: 0.300 ug/l
 RT: 3.61 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: VN054907.D
 Acq: 2 Apr 2019 17:36

Tgt Ion: 56 Resp: 100
 Ion Ratio Lower Upper
 56 100
 55 216.0 56.7 85.1#





#16

Acetone

Concen: 7.028 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054907.D

Acq: 2 Apr 2019 17:36

Instrument :

MSVOA_N

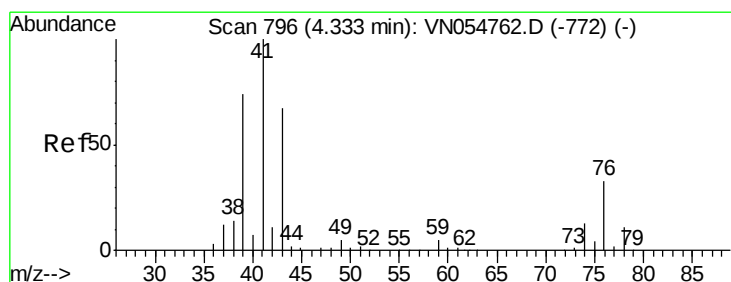
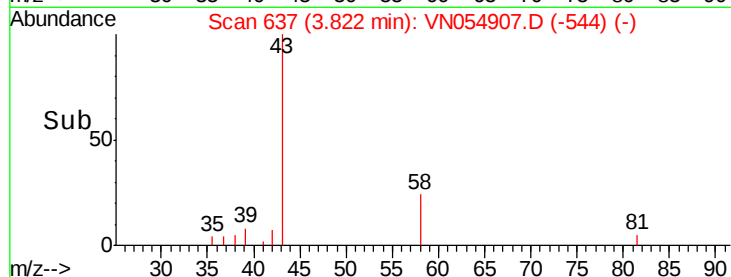
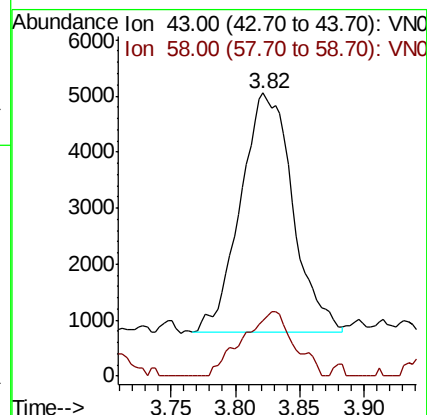
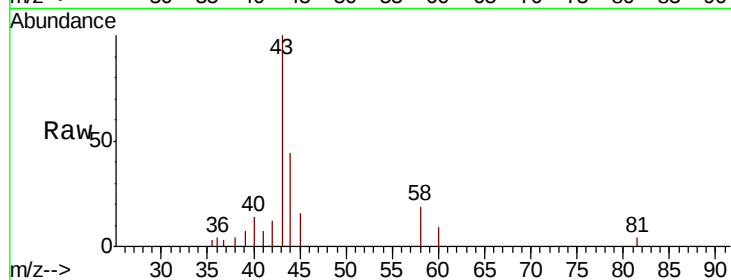
ClientSampleId :

Tot Ion: 43 Resp: 12005

Ion Ratio Lower Upper

43 100

58 23.0 29.9 44.9#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.34 min Scan# 797

Delta R.T. 0.00 min

Lab File: VN054907.D

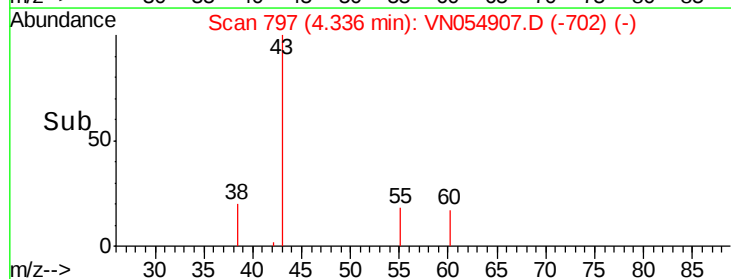
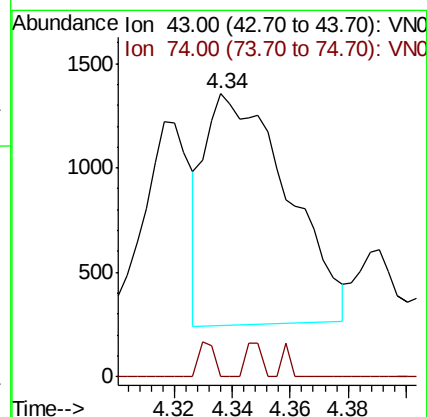
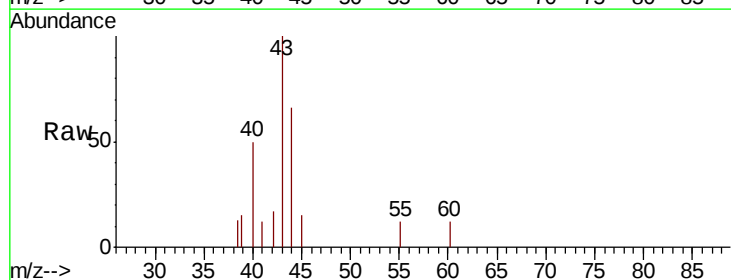
Acq: 2 Apr 2019 17:36

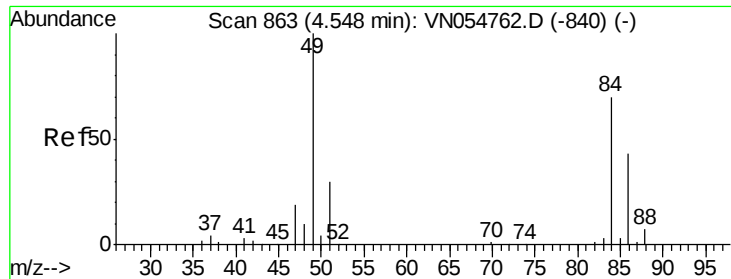
Tgt Ion: 43 Resp: 2197

Ion Ratio Lower Upper

43 100

74 2.8 20.8 31.2#

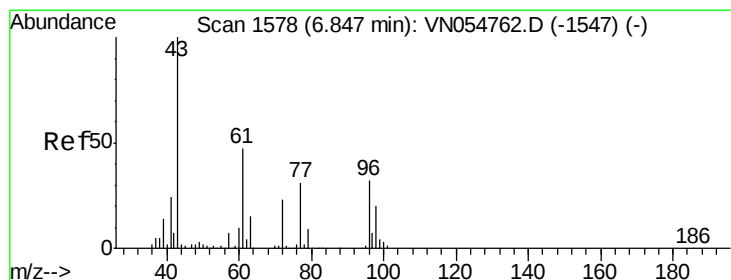
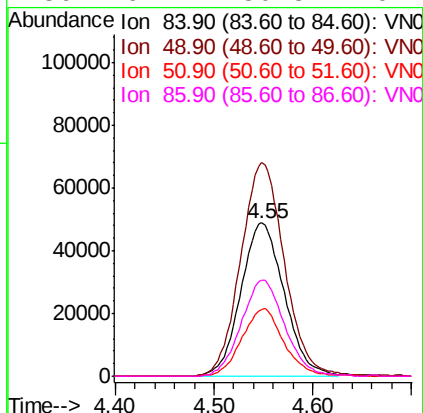
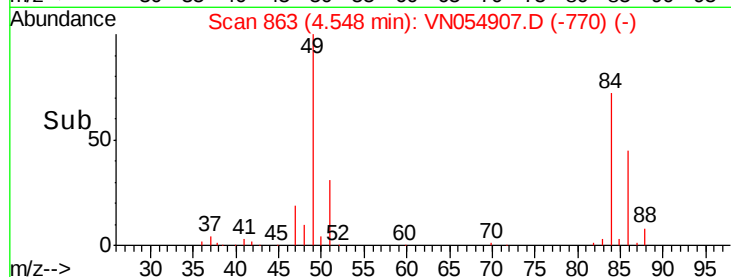
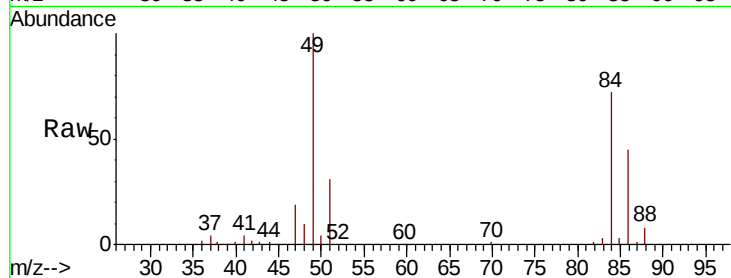




#20
Methylene Chloride
Concen: 24.669 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054907.D
Acq: 2 Apr 2019 17:36

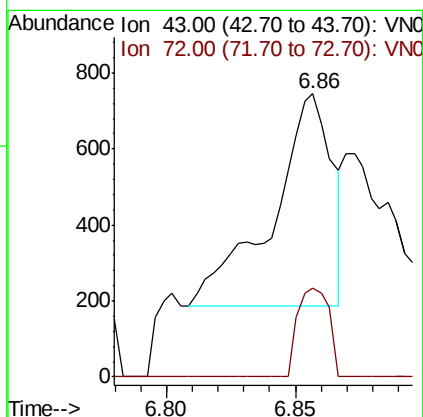
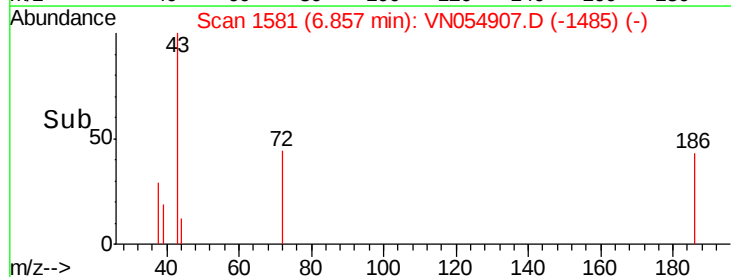
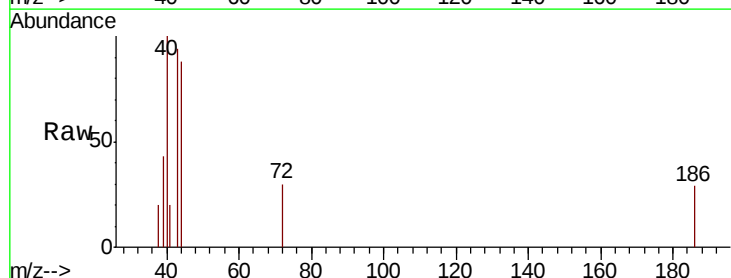
Instrument :
MSVOA_N
ClientSampled :

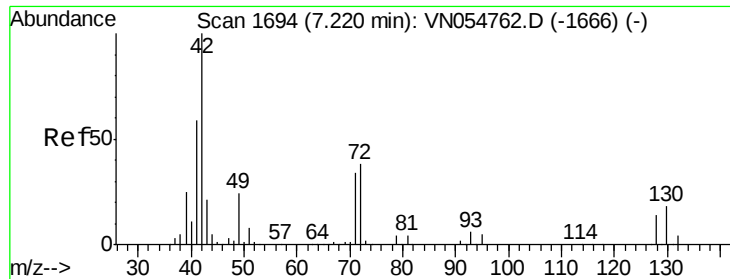
Tot Ion: 84 Resp: 148639
Ion Ratio Lower Upper
84 100
49 139.2 89.7 134.5#
51 43.7 28.2 42.4#
86 62.7 50.8 76.2



#25
2-Butanone
Concen: 0.354 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VN054907.D
Acq: 2 Apr 2019 17:36

Tgt Ion: 43 Resp: 895
Ion Ratio Lower Upper
43 100
72 42.2 23.0 34.6#

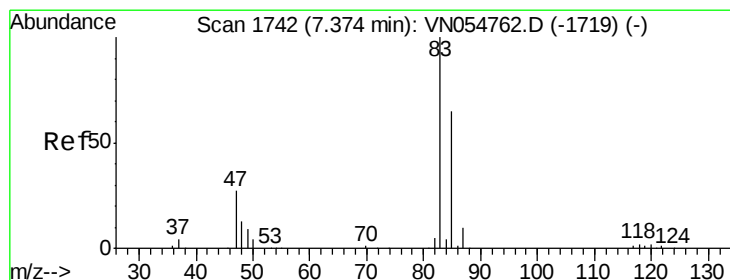
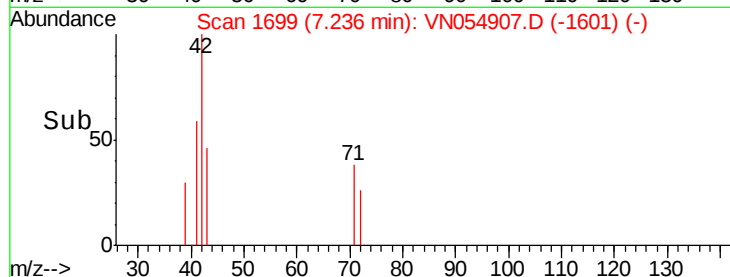
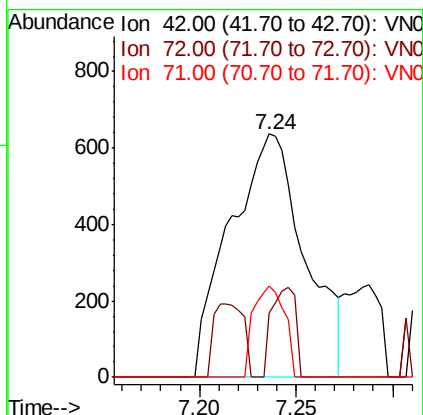
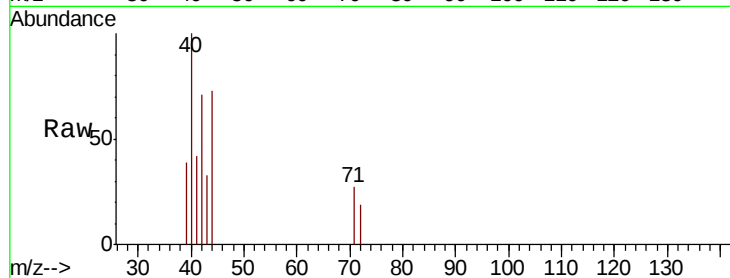




#29
Tetrahydrofuran
Concen: 0.977 ug/l
RT: 7.24 min Scan# 1699
Delta R.T. 0.02 min
Lab File: VN054907.D
Acq: 2 Apr 2019 17:36

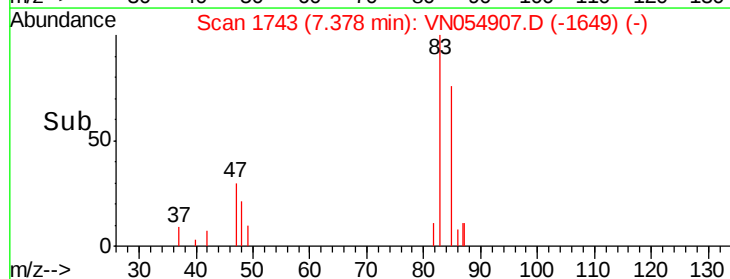
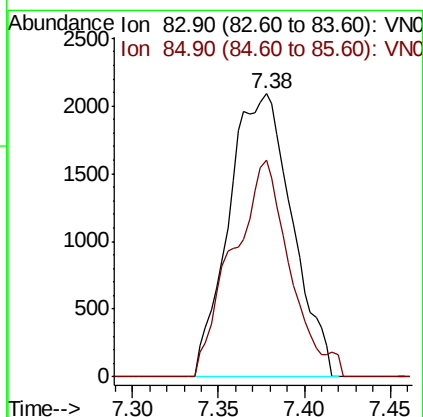
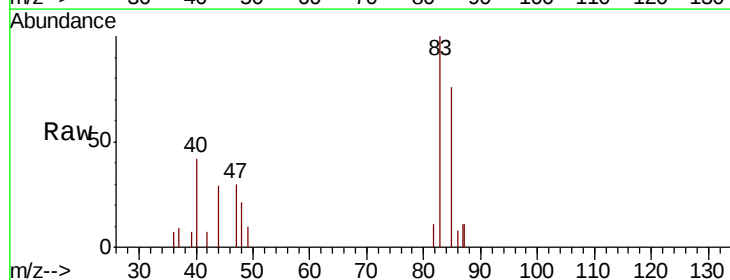
Instrument :
MSVOA_N
ClientSampled :

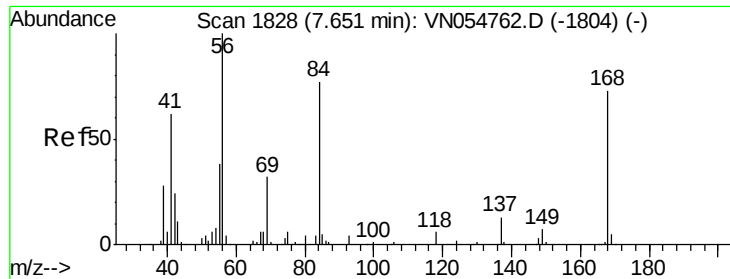
Tot Ion: 42 Resp: 1714
Ion Ratio Lower Upper
42 100
72 11.8 37.8 56.6#
71 15.6 36.2 54.2#



#30
Chloroform
Concen: 0.516 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VN054907.D
Acq: 2 Apr 2019 17:36

Tgt Ion: 83 Resp: 5340
Ion Ratio Lower Upper
83 100
85 76.5 52.2 78.4





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

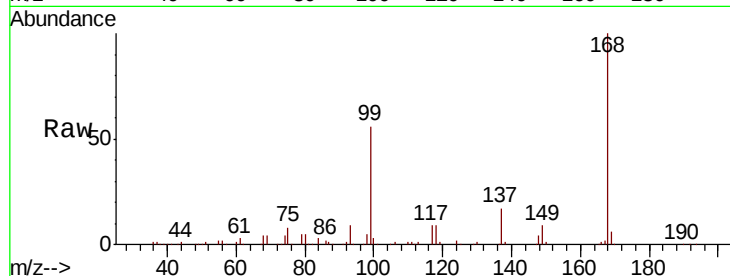
Lab File: VN054907.D

Acq: 2 Apr 2019 17:36

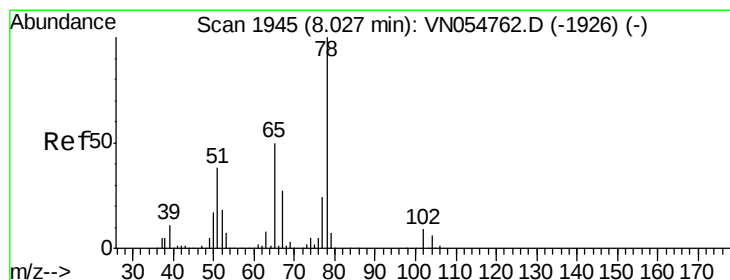
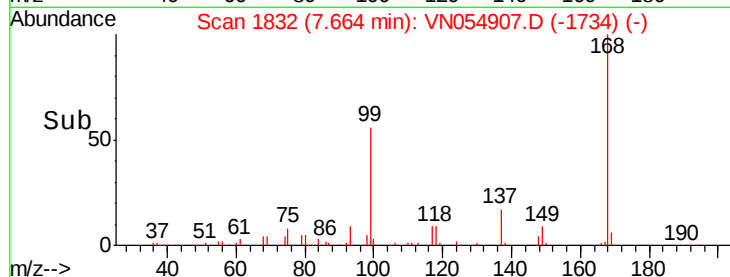
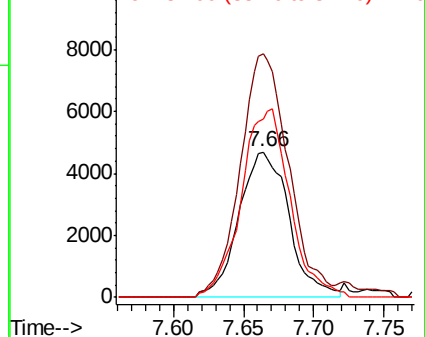
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 11694

Ion	Ratio	Lower	Upper
56	100		
69	167.8	27.8	41.6#
84	122.7	74.6	111.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 48.393 ug/l

RT: 8.03 min Scan# 1945

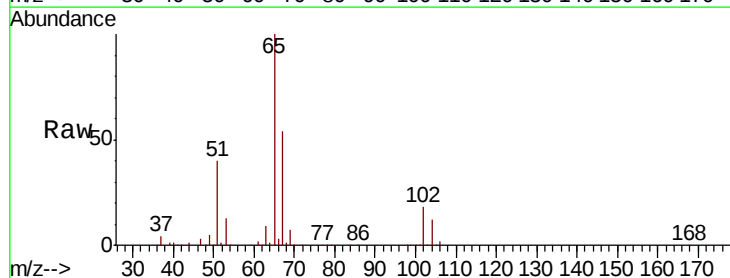
Delta R.T. 0.00 min

Lab File: VN054907.D

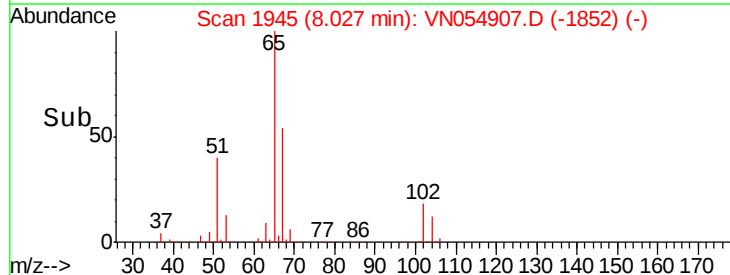
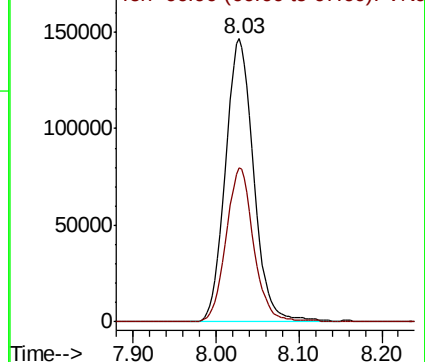
Acq: 2 Apr 2019 17:36

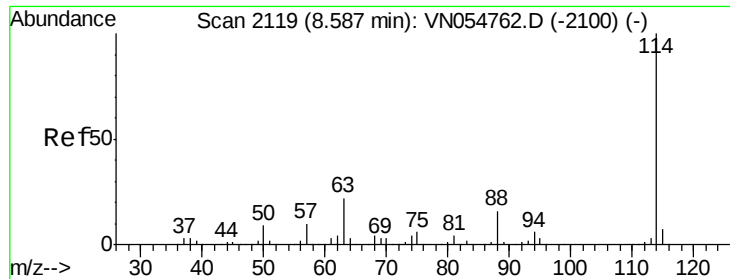
Tgt Ion: 65 Resp: 346638

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

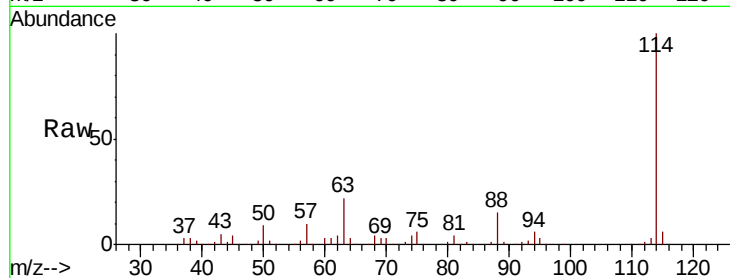




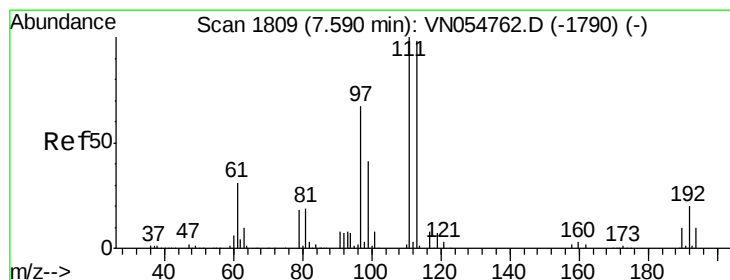
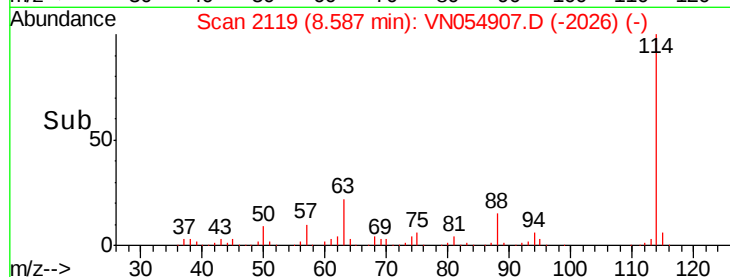
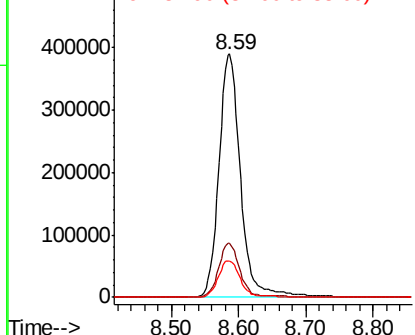
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054907.D
 Acq: 2 Apr 2019 17:36

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:114 Resp: 877188
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 35.2
 88 14.8 0.0 30.2

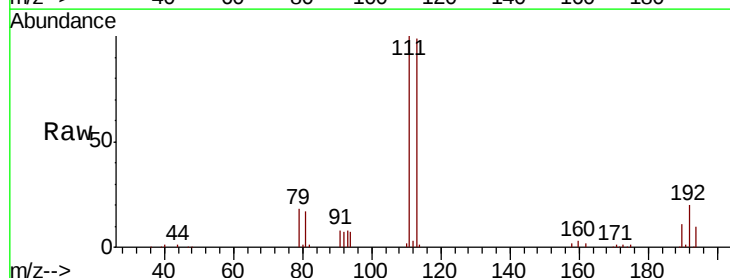


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

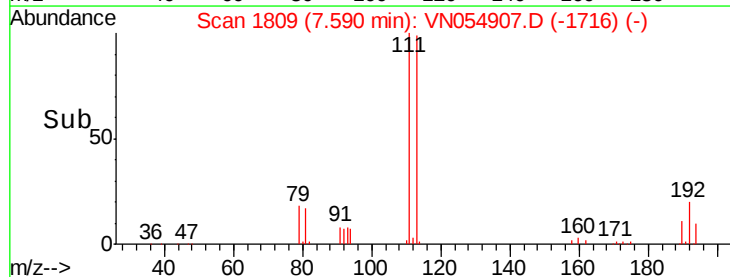
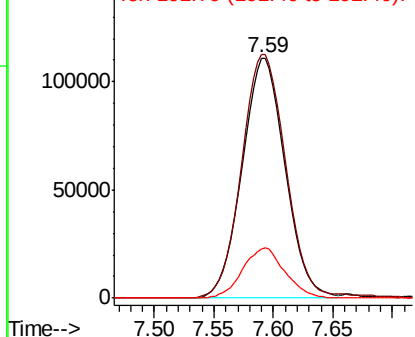


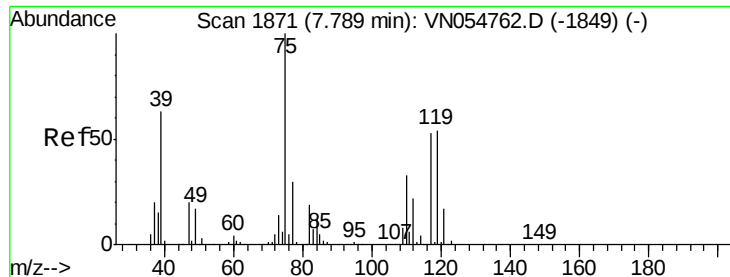
#35
 Dibromofluoromethane
 Concen: 47.538 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054907.D
 Acq: 2 Apr 2019 17:36

Tgt Ion:113 Resp: 278006
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.2 123.4
 192 20.7 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

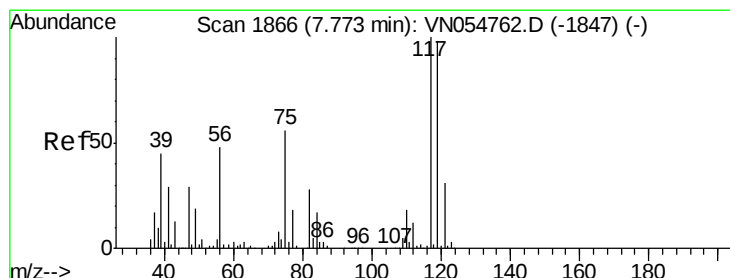
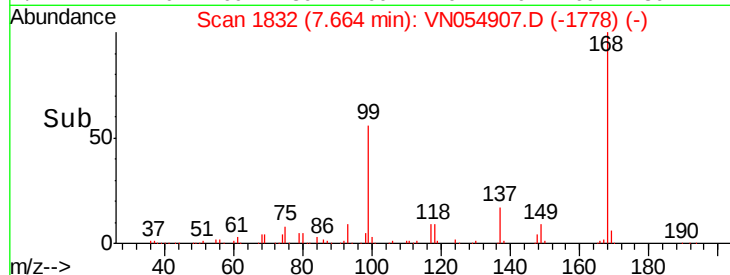
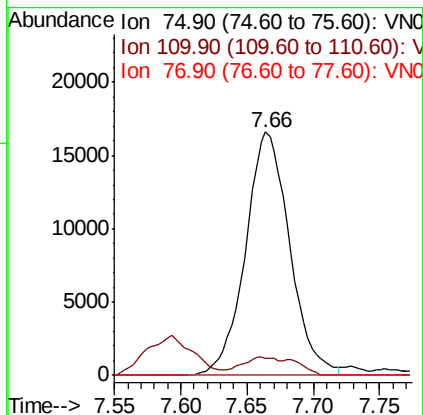
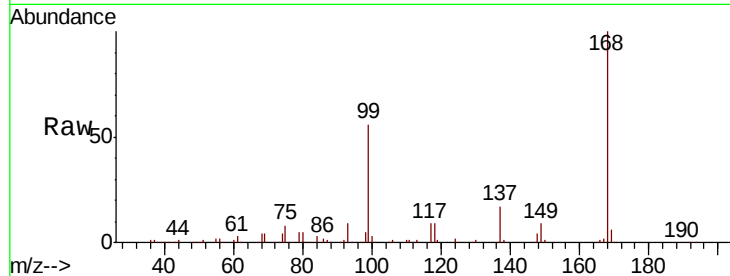




#36
 1,1-Dichloropropene
 Concen: 4.727 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054907.D
 Acq: 2 Apr 2019 17:36

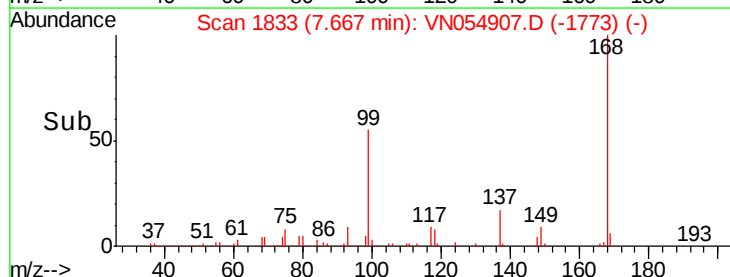
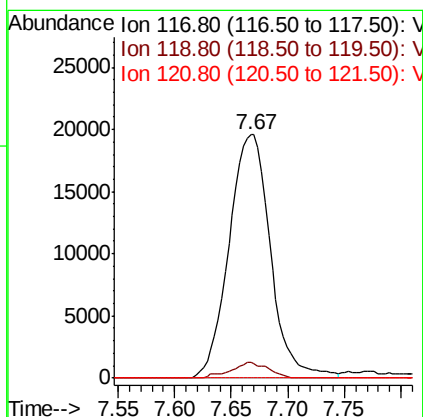
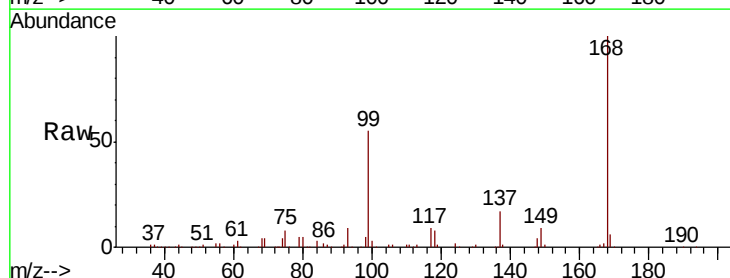
Instrument :
 MSVOA_N
 ClientSampleId :

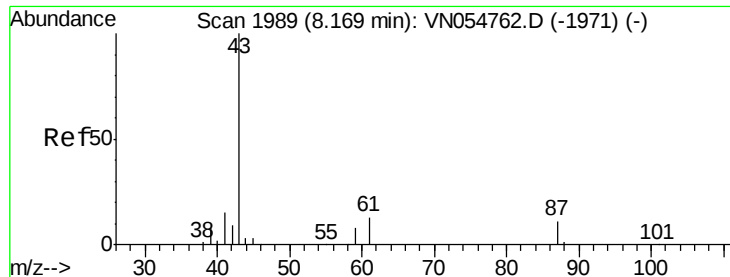
Tot Ion: 75 Resp: 38638
 Ion Ratio Lower Upper
 75 100
 110 3.8 19.1 57.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.306 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN054907.D
 Acq: 2 Apr 2019 17:36

Tgt Ion: 117 Resp: 50059
 Ion Ratio Lower Upper
 117 100
 119 6.4 76.3 114.5#
 121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 1.498 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054907.D

Acq: 2 Apr 2019 17:36

Instrument :

MSVOA_N

ClientSampled :

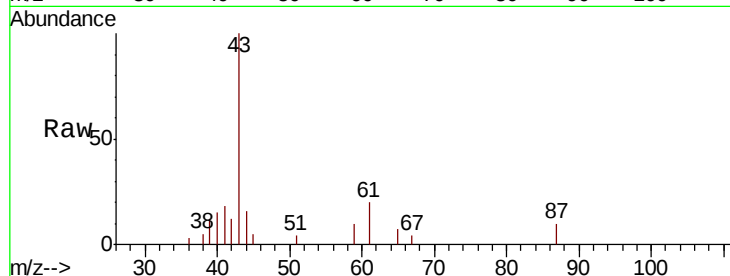
Tot Ion: 43 Resp: 14589

Ion Ratio Lower Upper

43 100

61 17.2 15.8 23.8

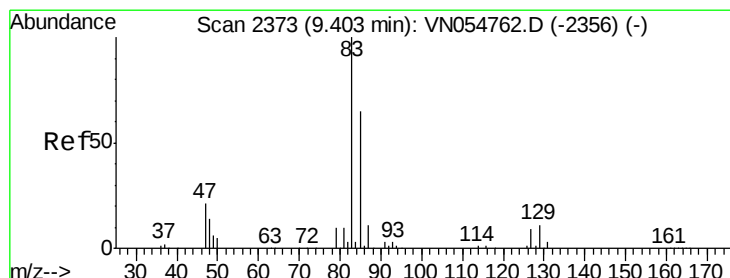
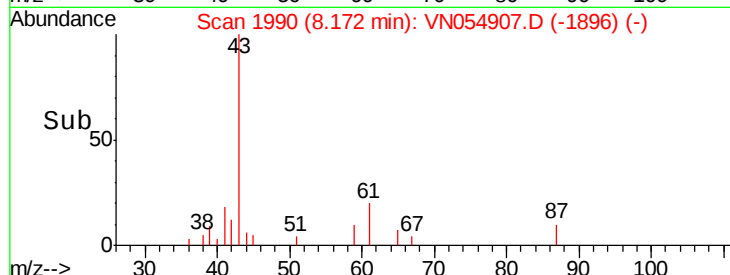
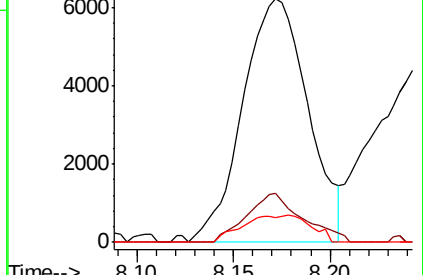
87 11.5 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054907.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN054907.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN054907.D (-1896) (-)



#47

Bromodichloromethane

Concen: 0.207 ug/l

RT: 9.41 min Scan# 2375

Delta R.T. 0.01 min

Lab File: VN054907.D

Acq: 2 Apr 2019 17:36

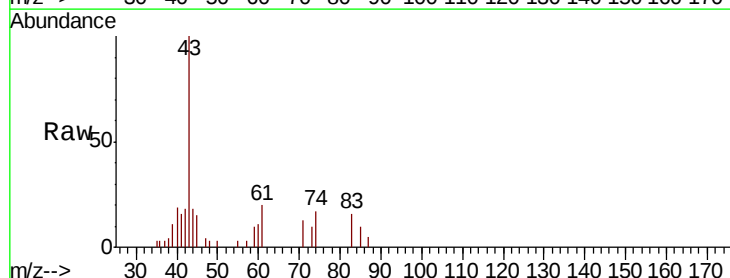
Tgt Ion: 83 Resp: 1613

Ion Ratio Lower Upper

83 100

85 60.4 52.8 79.2

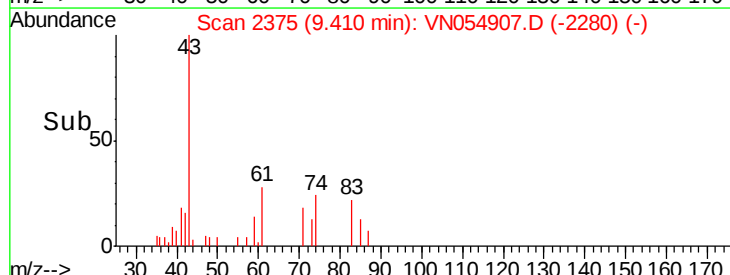
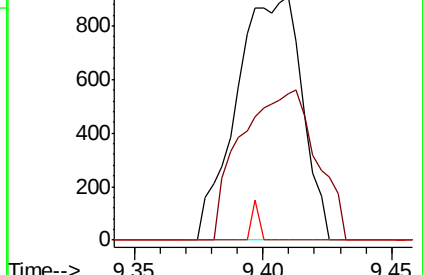
127 0.0 7.4 11.2#

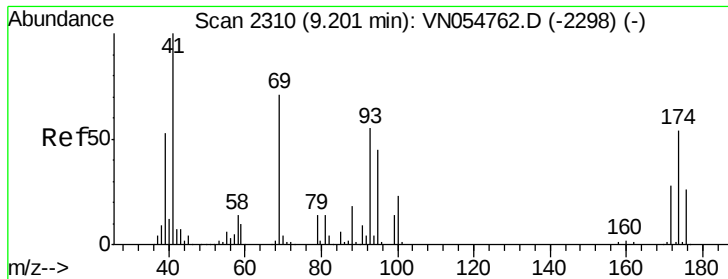


Abundance Ion 82.90 (82.60 to 83.60): VN054907.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN054907.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN054907.D (-2280) (-)

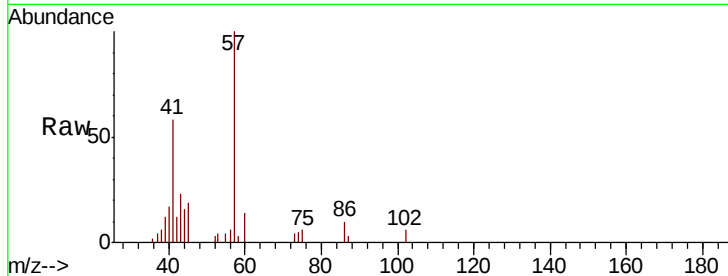




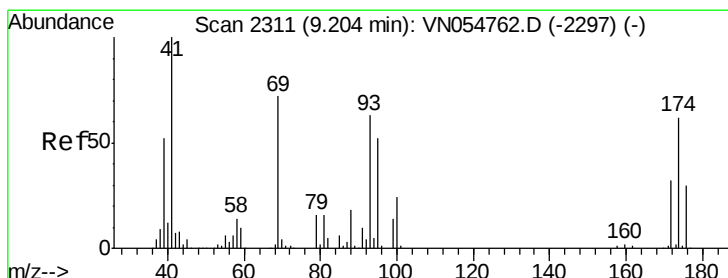
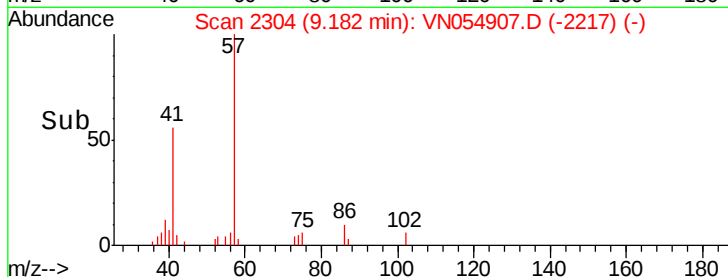
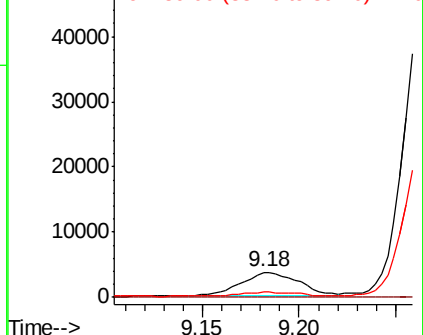
#48
Methyl methacrylate
Concen: 1.426 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN054907.D
Acq: 2 Apr 2019 17:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 7529
Ion Ratio Lower Upper
41 100
69 0.0 72.6 108.8#
39 0.0 47.5 71.3#

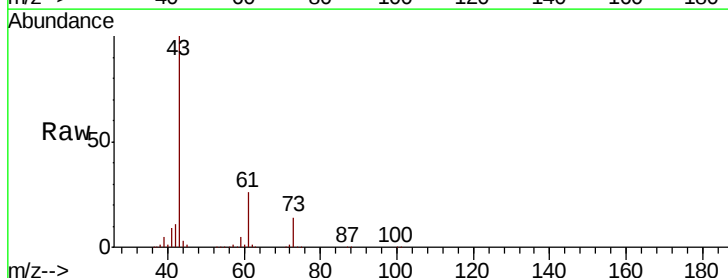


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

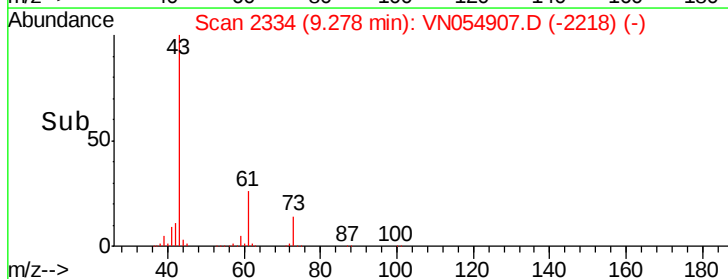
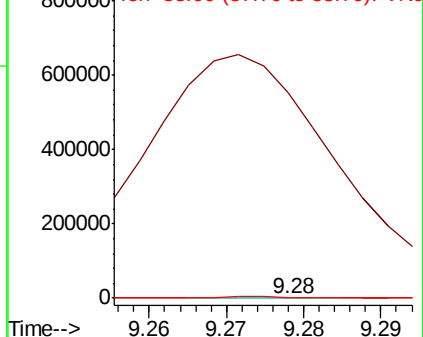


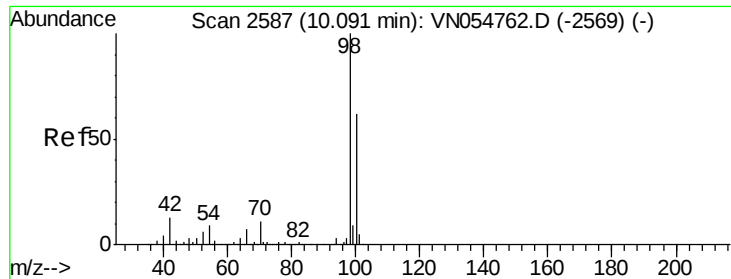
#49
1,4-Dioxane
Concen: 2.024 ug/l
RT: 9.28 min Scan# 2334
Delta R.T. 0.07 min
Lab File: VN054907.D
Acq: 2 Apr 2019 17:36

Tgt Ion: 88 Resp: 106
Ion Ratio Lower Upper
88 100
43 1209905.7 24.1 36.1#
58 5256.6 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

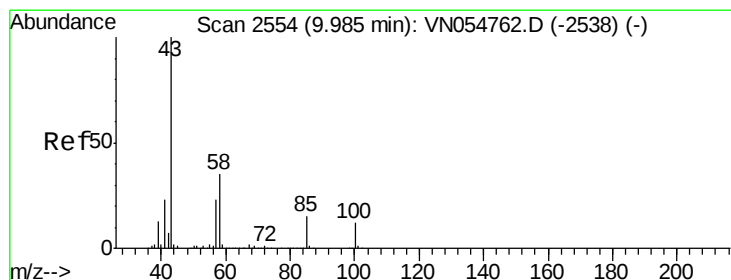
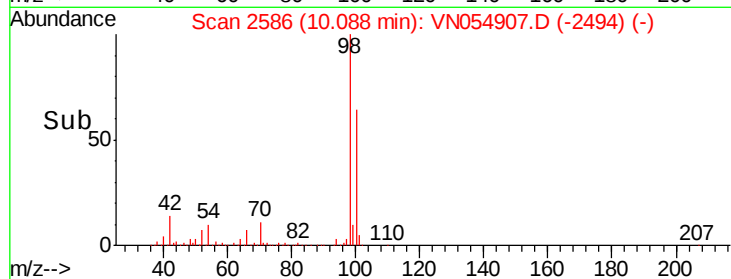
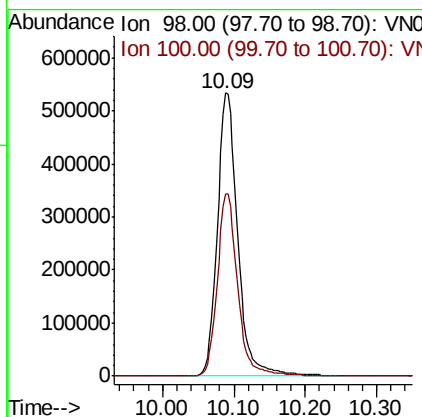
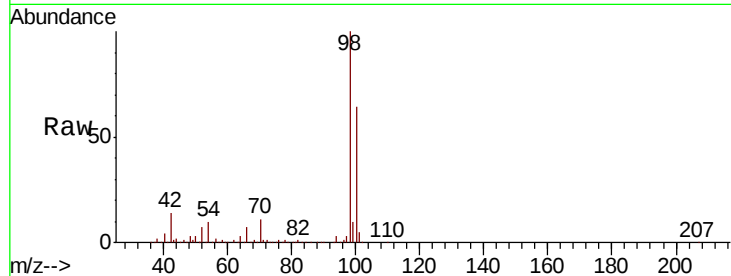




#50
Toluene-d8
Concen: 48.771 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN054907.D
Acq: 2 Apr 2019 17:36

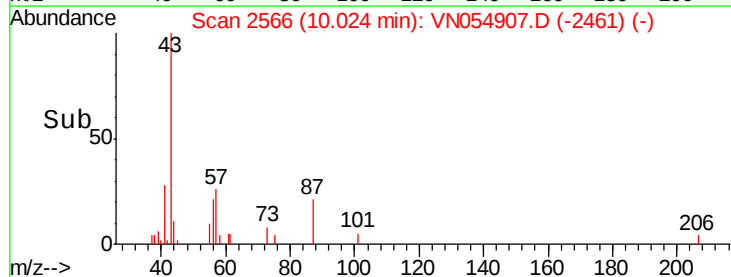
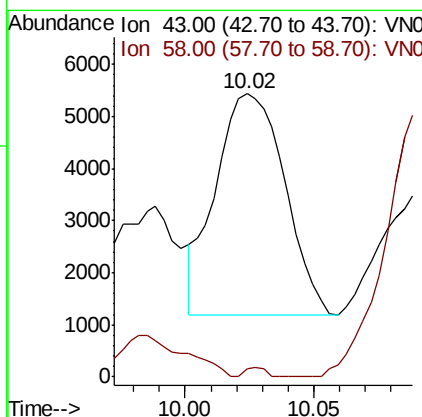
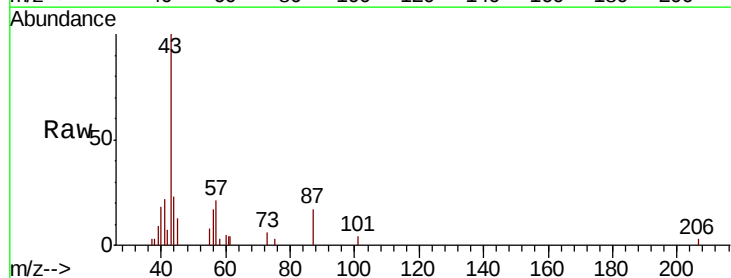
Instrument :
MSVOA_N
ClientSampled :

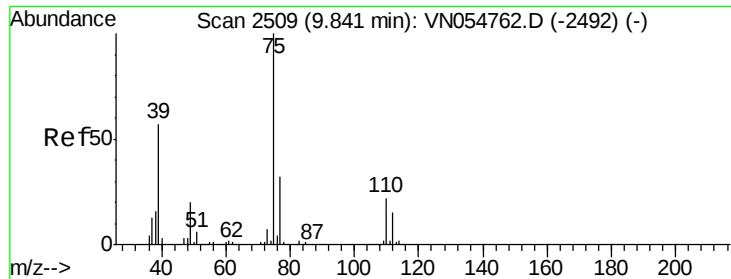
Tot Ion: 98 Resp: 1060387
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 1.447 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN054907.D
Acq: 2 Apr 2019 17:36

Tgt Ion: 43 Resp: 7926
Ion Ratio Lower Upper
43 100
58 0.0 31.8 47.6#



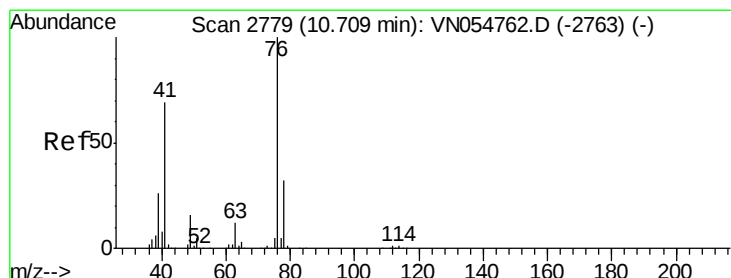
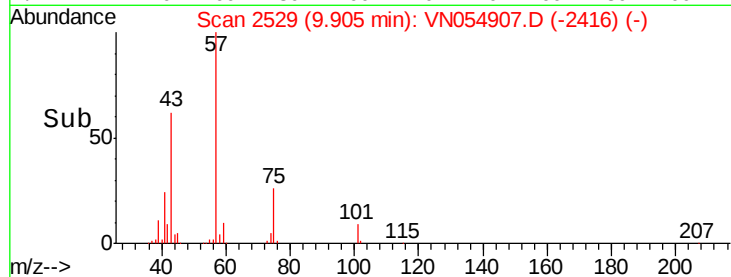
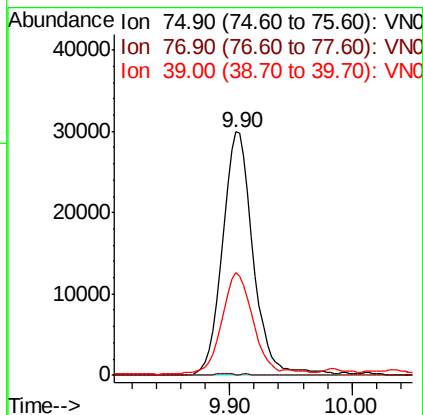
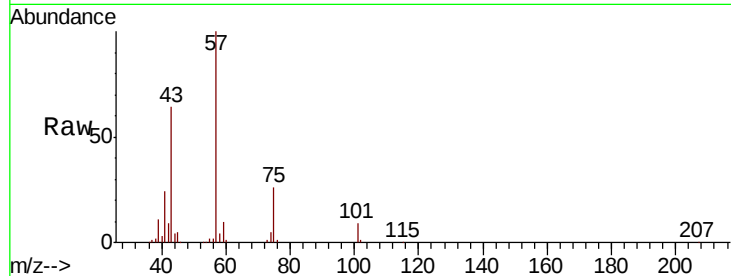


#54

cis-1,3-Dichloropropene
 Concen: 6.031 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.06 min
 Lab File: VN054907.D
 Acq: 2 Apr 2019 17:36

Instrument :
 MSVOA_N
 ClientSampleId :

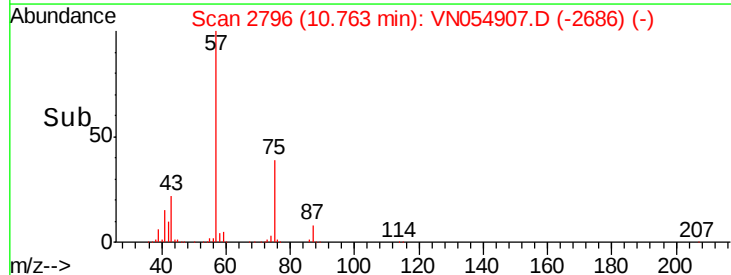
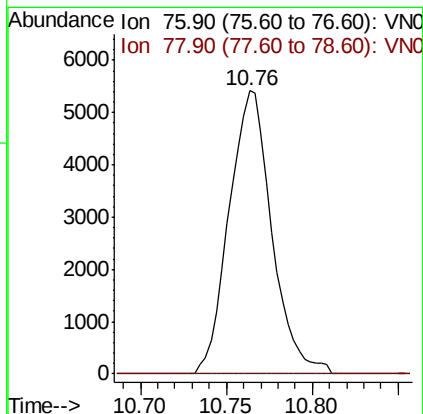
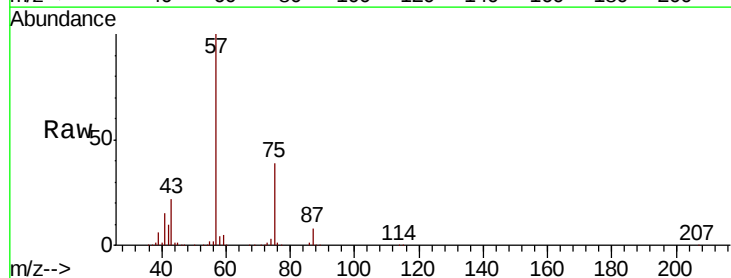
Tot Ion: 75 Resp: 52835
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 41.2 37.2 55.8

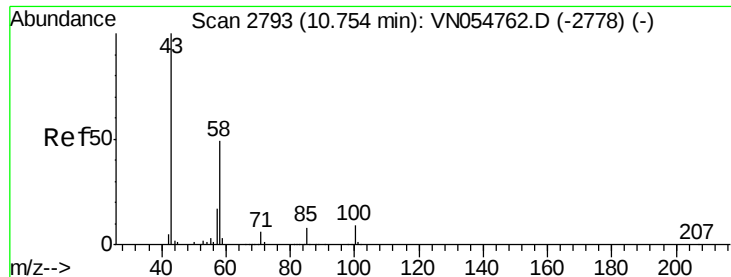


#57

1,3-Dichloropropane
 Concen: 1.050 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN054907.D
 Acq: 2 Apr 2019 17:36

Tgt Ion: 76 Resp: 9337
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#

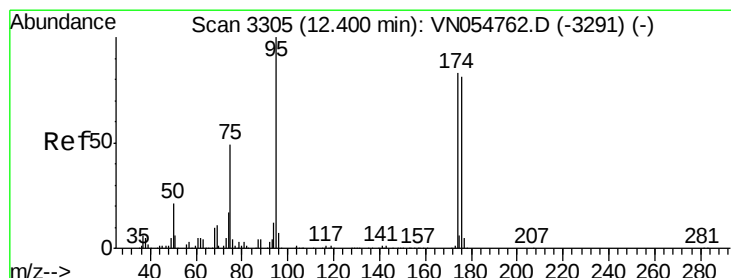
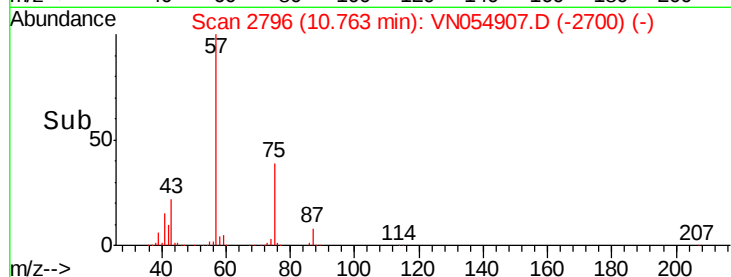
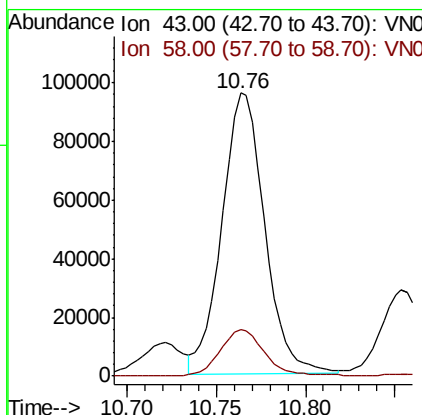
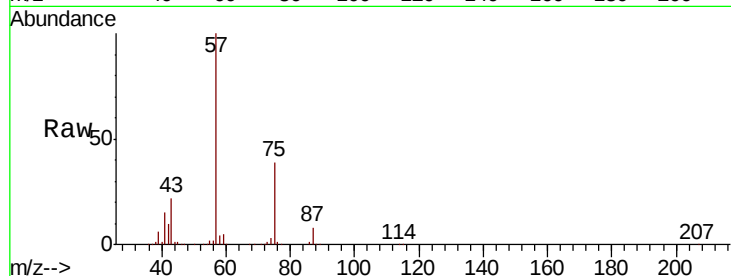




#59
2-Hexanone
Concen: 45.625 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN054907.D
Acq: 2 Apr 2019 17:36

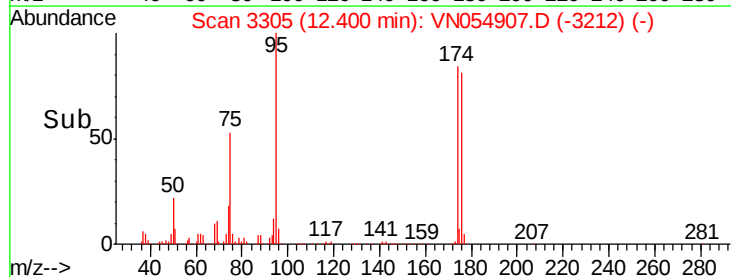
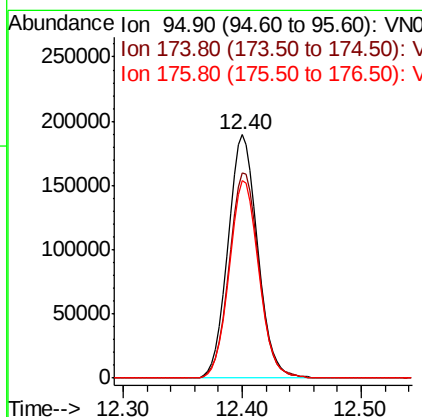
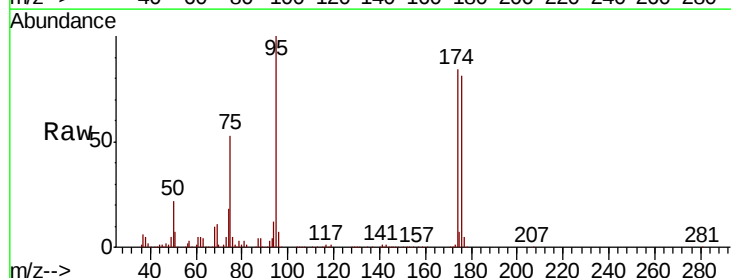
Instrument :
MSVOA_N
ClientSampled :

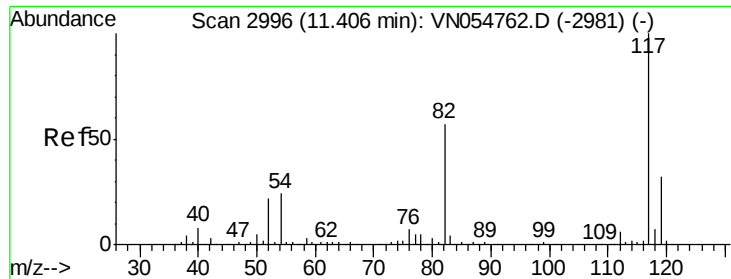
Tot Ion: 43 Resp: 159930
Ion Ratio Lower Upper
43 100
58 17.4 28.0 83.9#



#62
4-Bromofluorobenzene
Concen: 45.254 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054907.D
Acq: 2 Apr 2019 17:36

Tgt Ion: 95 Resp: 327229
Ion Ratio Lower Upper
95 100
174 85.1 0.0 191.0
176 81.3 0.0 187.4

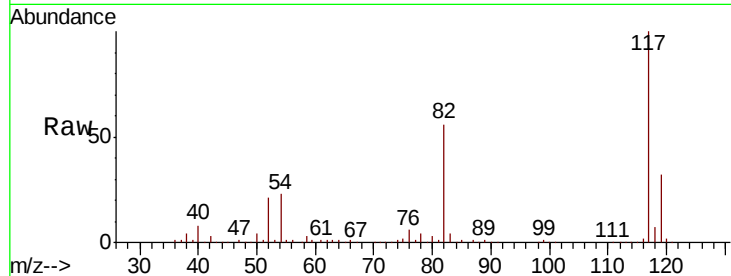




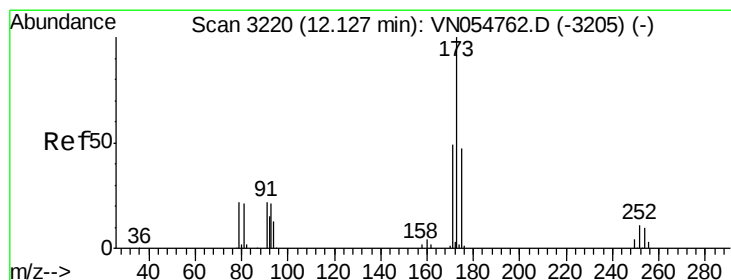
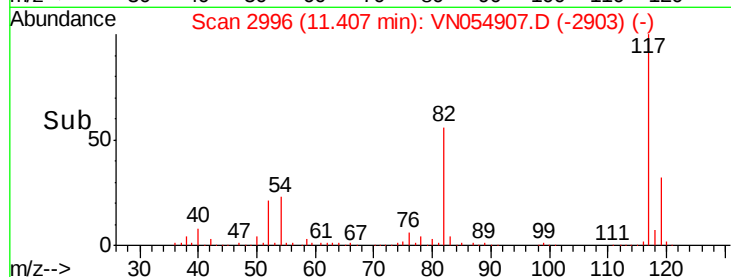
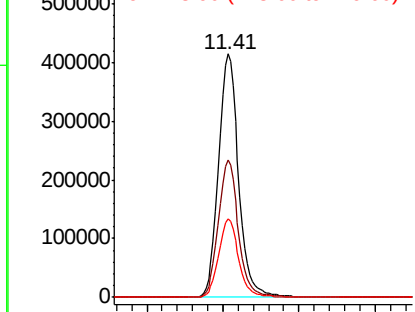
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054907.D
Acq: 2 Apr 2019 17:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 757176
Ion Ratio Lower Upper
117 100
82 56.4 40.0 60.0
119 32.3 25.8 38.6

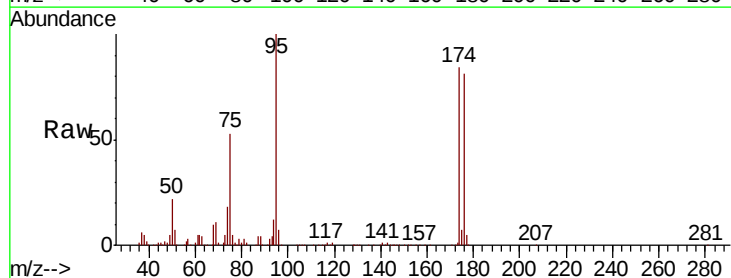


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

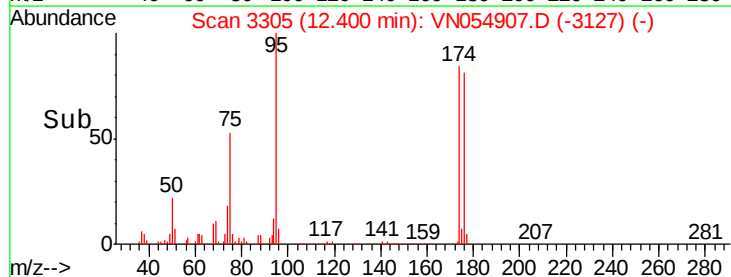
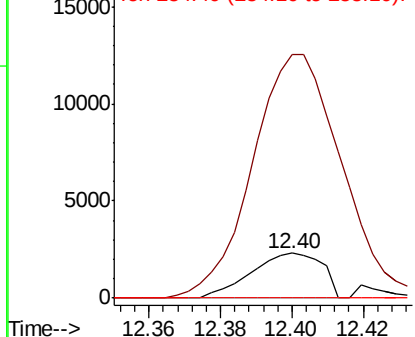


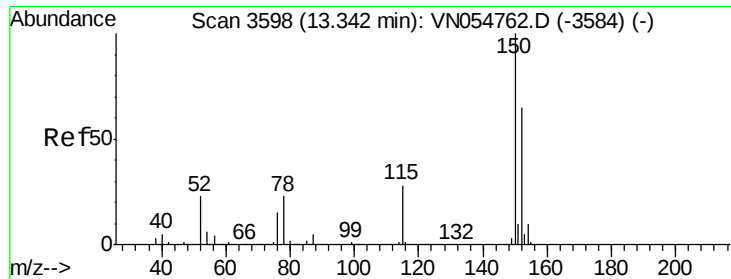
#71
Bromoform
Concen: 0.975 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN054907.D
Acq: 2 Apr 2019 17:36

Tgt Ion:173 Resp: 3168
Ion Ratio Lower Upper
173 100
175 590.8 24.4 73.2#
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



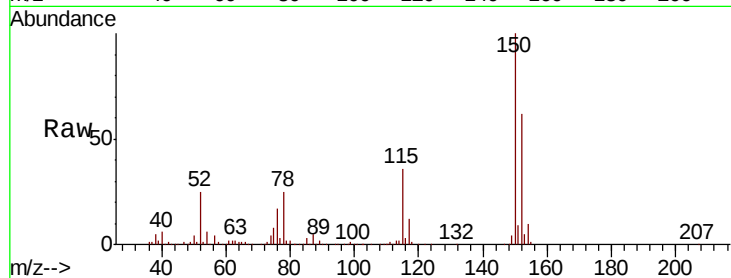


#72

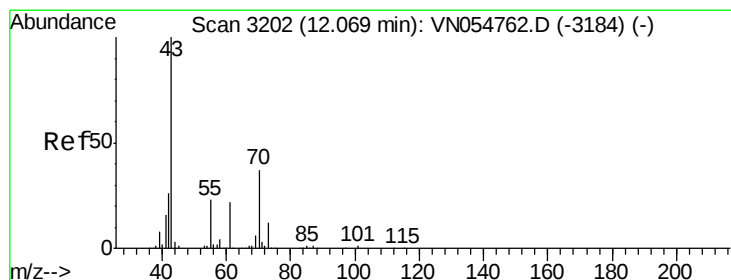
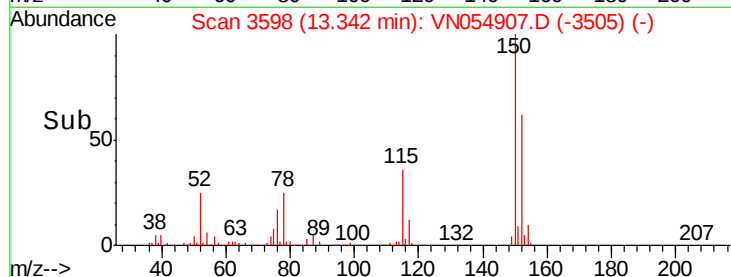
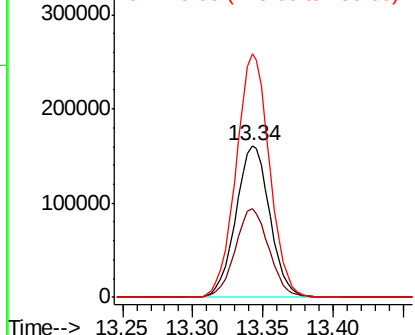
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054907.D
Acq: 2 Apr 2019 17:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.3	27.2	81.6
150	158.3	0.0	349.2



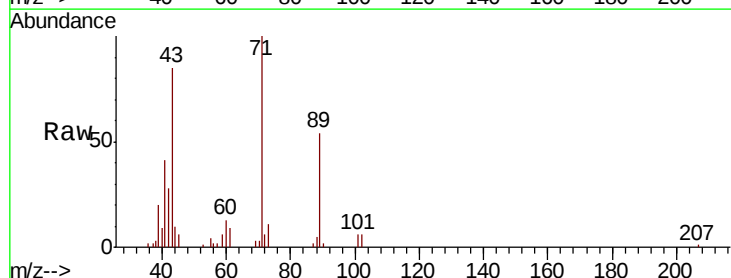
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



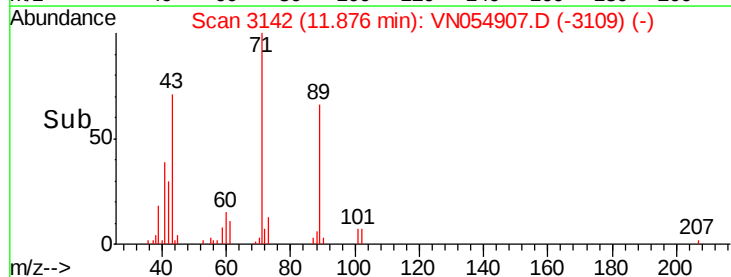
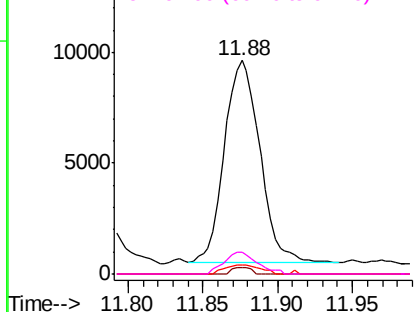
#74

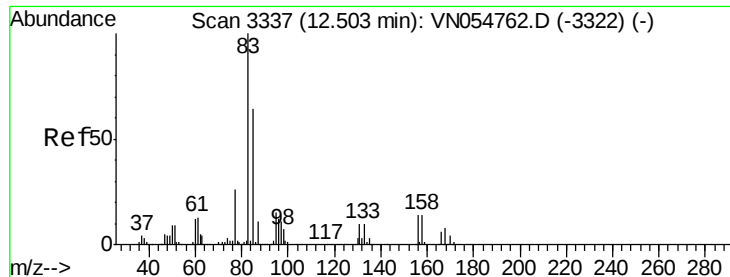
N-ethyl acetate
Concen: 2.208 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN054907.D
Acq: 2 Apr 2019 17:36

Tgt Ion	Ratio	Lower	Upper
43	100		
70	1.7	35.4	53.0#
55	4.4	19.8	29.6#
61	9.9	19.8	29.6#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 70.00 (69.70 to 70.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 61.00 (60.70 to 61.70): VNO





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3307

Delta R.T. -0.10 min

Lab File: VN054907.D

Acq: 2 Apr 2019 17:36

Instrument :

MSVOA_N

ClientSampled :

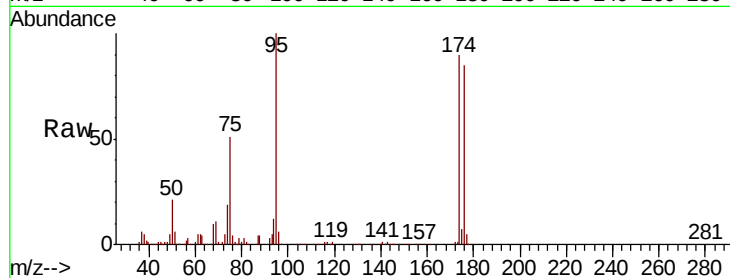
Tot Ion: 83 Resp: 124

Ion Ratio Lower Upper

83 100

131 299.2 5.8 17.4#

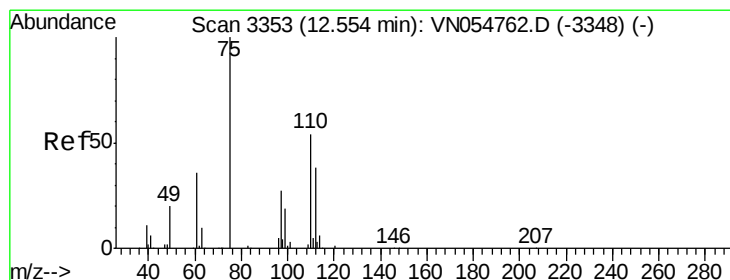
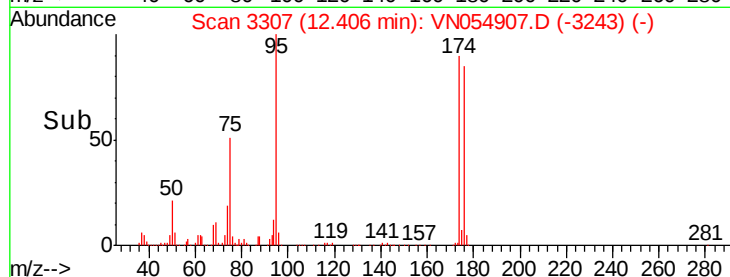
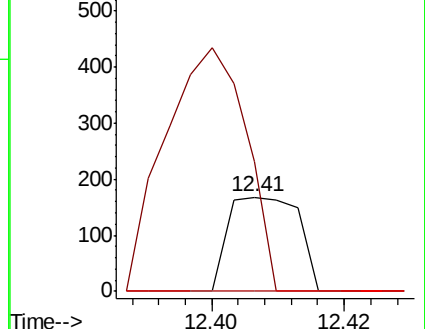
85 0.0 32.2 96.6#



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 36.151 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054907.D

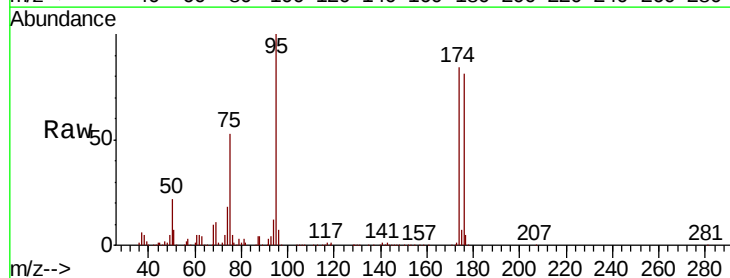
Acq: 2 Apr 2019 17:36

Tgt Ion: 75 Resp: 170214

Ion Ratio Lower Upper

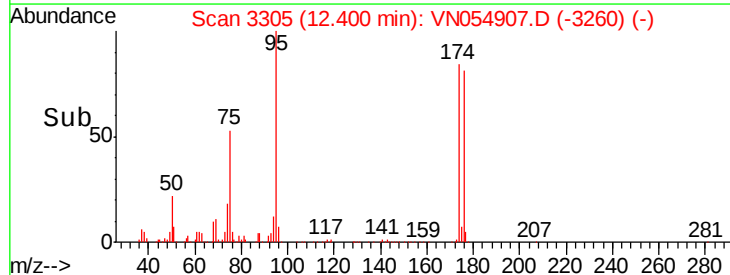
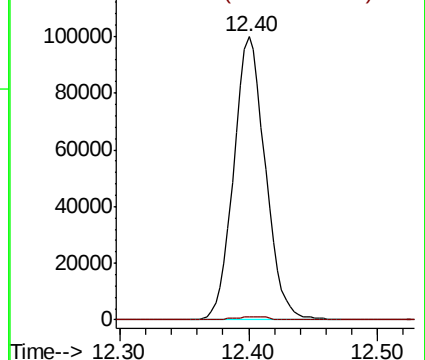
75 100

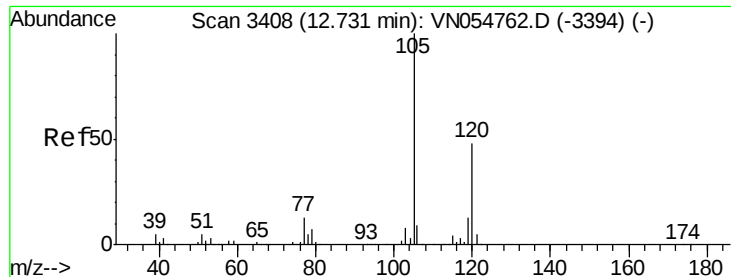
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#80

1,3,5-Trimethylbenzene

Concen: 0.356 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054907.D

Acq: 2 Apr 2019 17:36

Instrument :

MSVOA_N

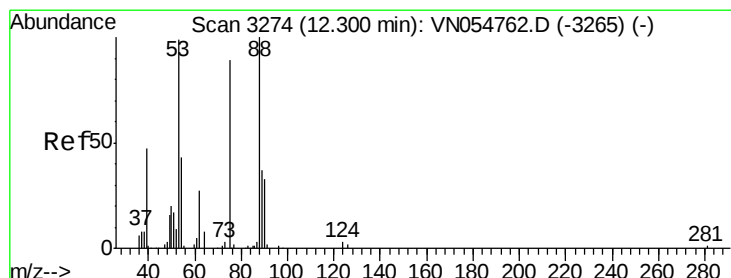
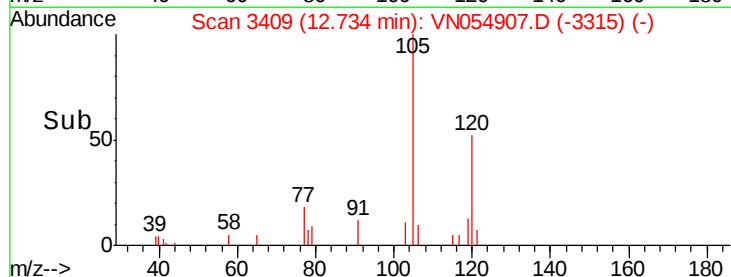
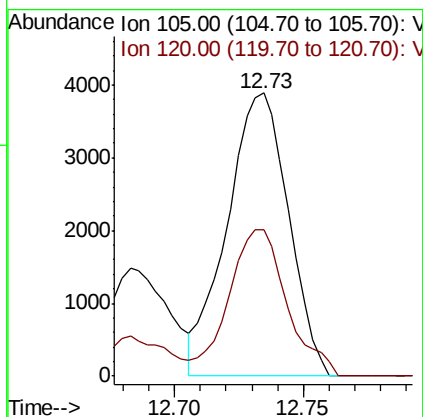
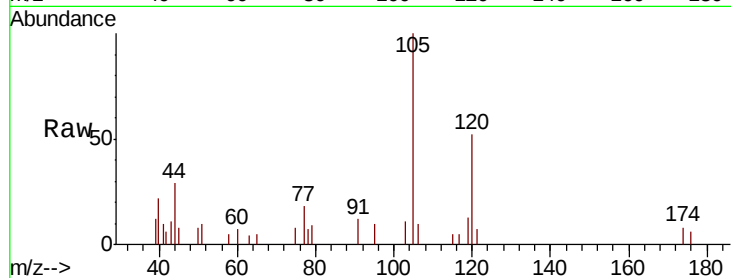
ClientSampled :

Tot Ion:105 Resp: 6470

Ion Ratio Lower Upper

105 100

120 49.3 25.0 75.0



#81

trans-1,4-Dichloro-2-butene

Concen: 140.620 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054907.D

Acq: 2 Apr 2019 17:36

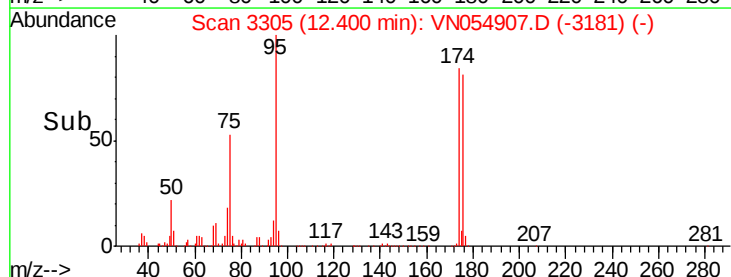
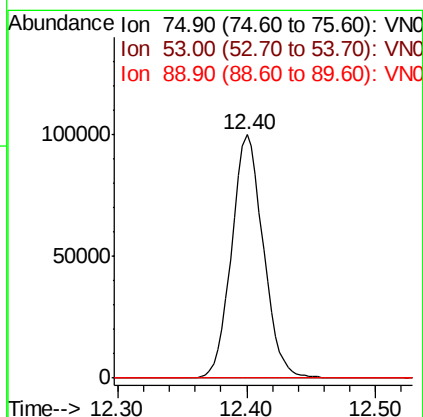
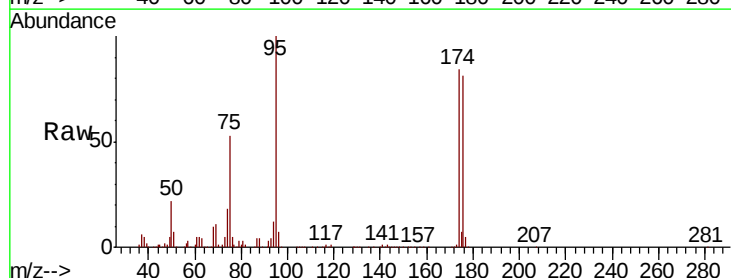
Tgt Ion: 75 Resp: 170214

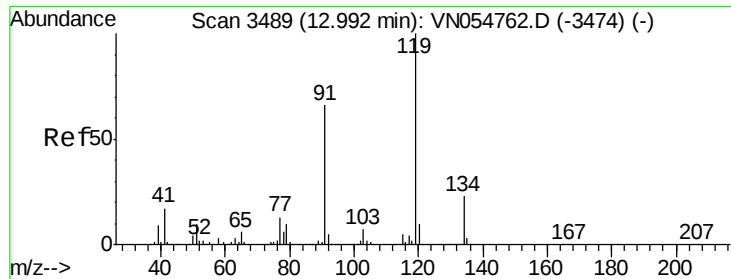
Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.1 39.2 58.8#

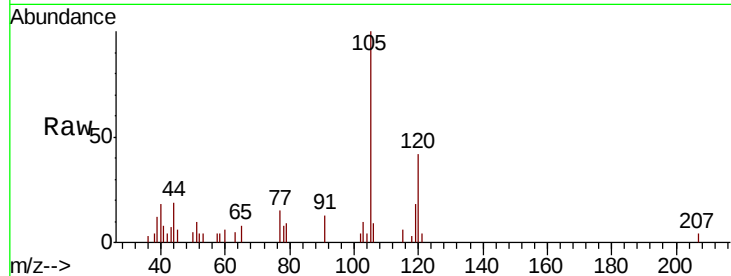




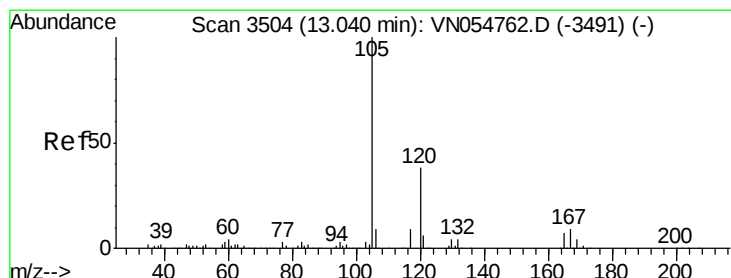
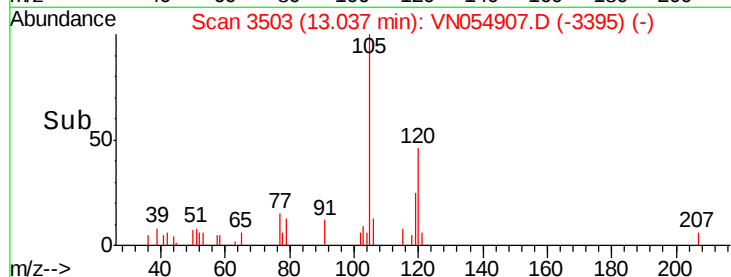
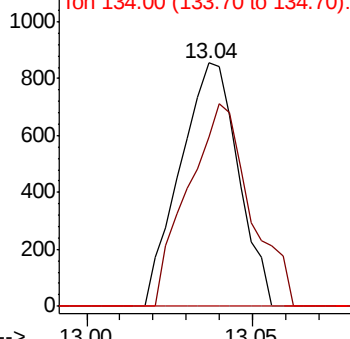
#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3503
Delta R.T. 0.05 min
Lab File: VN054907.D
Acq: 2 Apr 2019 17:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 1043
Ion Ratio Lower Upper
119 100
91 89.0 30.9 92.8
134 0.0 13.2 39.6#

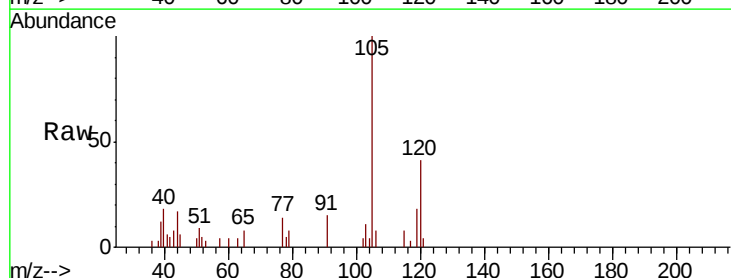


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

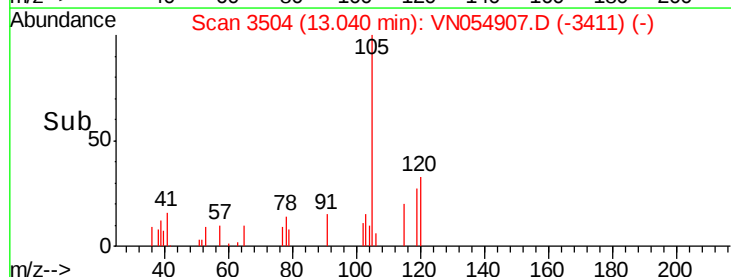
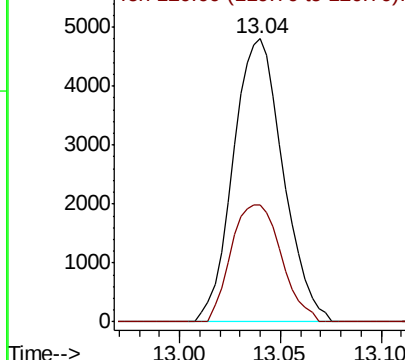


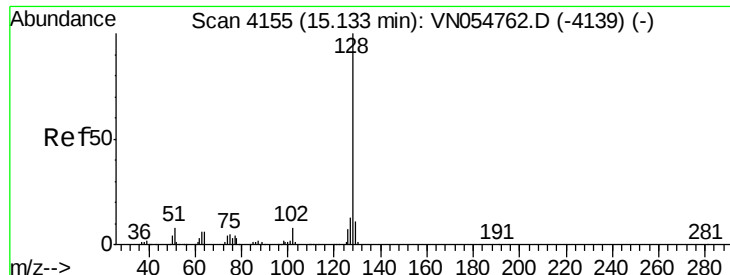
#84
1,2,4-Trimethylbenzene
Concen: 0.479 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054907.D
Acq: 2 Apr 2019 17:36

Tgt Ion:105 Resp: 8301
Ion Ratio Lower Upper
105 100
120 41.7 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 0.581 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

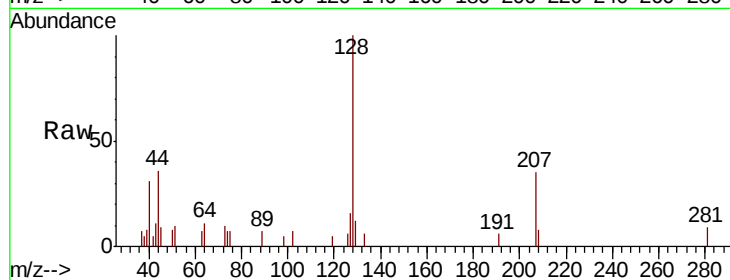
Lab File: VN054907.D

Acq: 2 Apr 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :



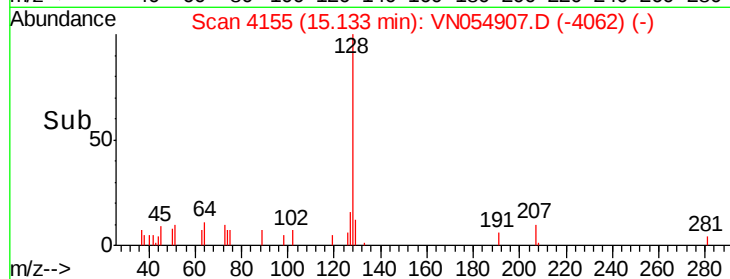
Tot Ion:128 Resp: 5671

Ion Ratio Lower Upper

128 100

127 14.8 10.1 15.1

129 9.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

